



FLARE[™]



Sample Activity Number Board

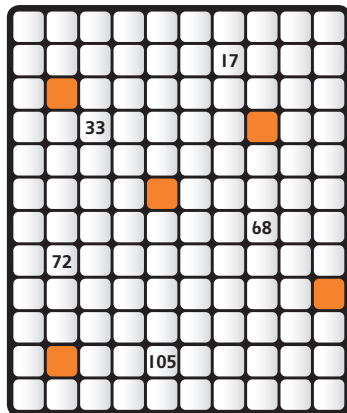
using addition and subtraction

In this activity the students discuss different methods to identify two-digit whole numbers. The activity can be adjusted for

- three-digit whole numbers
- tenths
- hundredths.

What to Do Before

1. Select Setup ▶ Rows ▶ 12.
2. Select Setup ▶ deselect Show All Numbers.
3. Use  to flip any five tiles to reveal the numbers on them. Use  to shade five other tiles (see the example right).
4. Save the activity file for later use by selecting File ▶ Save.



How to Do It Differently

Three-digit whole numbers

- For example, select Setup ▶ Start Number ▶ 101.



Tenths

- For example, select Setup ▶ Sequence ▶ Tenths and Start Number ▶ 0.1.

Hundredths

- For example, select Setup ▶ Sequence ▶ Hundredths and Start Number ▶ 0.01.

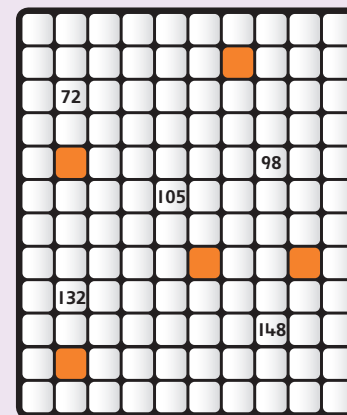
What to Do Now

1. Display the number board. Ask: *How can we use addition or subtraction to figure out what numbers are on the back of the shaded tiles?* Invite a student to identify a shaded tile they know and use  and the Shades palette to demonstrate on the number board how they figured it out. Ask: *Is there another way to figure out the number?* Discuss other ideas before using  to flip the tile to reveal the number.
2. Repeat Step 1 with the other shaded tiles.

What to Do After

Bridge across two-digit and three-digit whole numbers.

- For example, select Setup ▶ Start Number ▶ 51 and reveal and shade tiles that are both less than and greater than 100 (see the example right).



Tip

Prepare the activity variation beforehand to reduce setup time during class.